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PATENT  
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TECHNOLOGY CENTER 1100

## IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Yoichi MIZUNO Conf.: 2528  
Appl. No.: 09/784,041 Group: 1733  
Filed: February 16, 2001 Examiner: J. Fischer  
For: CHAFER RUBBER COMPOSITION, AND HEAVY DUTY PNEUMATIC  
TIRE USING THE CHAFER RUBBER COMPOSITION

**AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.111**

Assistant Commissioner for Patents  
Washington, DC 20231

August 13, 2002

Sir:

In reply to the Examiner's Office Action dated May 13, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

**IN THE CLAIMS:**

Please cancel claim 1 without prejudice or disclaimer of the subject matter contained therein.

Please amend the claims as follows:

2. (Amended) A chafer rubber composition, wherein 55-75 parts by weight of carbon black having a nitrogen adsorption specific surface area of 70-120 m<sup>2</sup>/g and 0.2-0.5 parts by weight of 1, 3-bis (citraconimidomethyl) benzene are blended with respect to 100 parts by weight of a rubber component including 30-50 parts by weight of natural rubber and/or polyisoprene rubber and 50-70 parts by weight of